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ADDITIONS TO MR. COOKE'S PAPER ON "THE VALSEI OF THE UNITED STATES."

BY WM. C. STEVENSON, JR.

In Mr. M. C. Cooke's paper¹ there are forty specimens grouped under "sporidia uncertain." The following are measurements of Schweinitzian specimens, occurring under these names, in the herbarium of the Academy of Natural Sciences.

As only the Schweinitzian specimens were examined, other references are omitted in this list.

The marginal numbers correspond to those in the original paper.

95. *Valsa Bignoniæ*, Schw. Am. Bor. 1310.

Sporidia olive-brown, uniseptate, $.0159 \times .0078$ mm.

96. *Valsa scoparia*, Schw. Am. Bor. 1318.

Barren.

97. *Valsa pugillus*, Schw. Am. Bor. 1322.

Evidently a *Sphæronema*.

98. *Valsa scutellata*, Schw. Am. Bor. 1344.

Barren.

99. *Valsa frustrum-coni*, Schw. Am. Bor. 1329.

Barren.

100. *Valsa ciliata*, Schw. Am. Bor. 1349.

Sporidia naviculoid, biseptate, $.0127 \times .005$ mm.

102. *Valsa umbilicata*, Schw. Am. Bor. 1385.

Sporidia, oval, hyaline, $.0062 \times .005$ mm.

103. *Valsa divergens*, Schw. Am. Bor. 1393.

Sporidia subelliptical, granular, $.0127 \times .007$ mm.

104. *Valsa juglandicola*, Schw. Am. Bor. 1328.

Sporidia allantoid, hyaline, $.0062 \times .002$ mm.

105. *Valsa rubincola*, Schw. Am. Bor. 1329.

Sporidia allantoid, hyaline, $.009 \times .002$ mm.

106. *Valsa allostoma*, Schw. Am. Bor. 1332.
Sporidia allantoid, hyaline, $.009 \times .0031$ mm.
107. *Valsa oligostoma*, Schw. Am. Bor. 1333.
Barren.
108. *Valsa amorphostoma*, Schw. Am. Bor. 1334.
Barren.
109. *Valsa radicum*, Schw. Am. Bor. 1335.
Barren.
110. *Valsa conspurcata*, Schw. Am. Bor. 1336.
Sporidia allantoid, hyaline, $.0062 \times .002 - .0012$ mm.
111. *Valsa modesta*, Schw. Am. Bor. 1337.
Sporidia allantoid, hyaline, $.0078 \times .0032$ mm.
112. *Valsa comptoniæ*, Schw. Am. Bor. 1353.
Immature; asci long, linear.
113. *Valsa variolaria*, Schw. Am. Bor. 1371.
Sporidia allantoid, hyaline, $.0078 \times .0032$ mm.
114. *Valsa conseptata*, Schw. Am. Bor. 1373.
Sporidia allantoid, hyaline, $.0083 \times .0032$ mm.
115. *Valsa papyrifera*, Schw. Am. Bor. 1375.
Large number of asci filled with granular matter, apparently immature. No definite sporidia present.
116. *Valsa ceanothi*, Schw. Am. Bor. 1376.
Sporidia allantoid, nucleated, $.0217 \times .0062$ mm.
117. *Valsa indistincta*, Schw. Am. Bor. 1377.
Sporidia reniform, hyaline, $.0062 \times .0045$ mm.
118. *Valsa quadrifida*, Schw. Am. Bor. 1378.
Sporidia allantoid, hyaline, $.0093 \times .0032$ mm.
119. *Valsa scabriseta*, Schw. Am. Bor. 1394.
Sporidia subelliptical, hyaline, $.0062 \times .0203$ mm.
120. *Valsa expers*, Schw. Am. Bor. 1396.
Sporidia allantoid, nucleated, $.0189 \times .0062$ mm.
121. *Valsa rimicola*, Schw. Am. Bor. 1397.
Not in sufficient quantity for complete examination.
122. *Valsa rhizina*, Schw. Am. Bor. 1398.
Sporidia allantoid, hyaline, $.0093 \times .0032$ mm.

123. *Valsa halseyana*, Schw. Am. Bor. 1319.

Barren.

124. *Valsa lixivia*, Schw. Am. Bor. 1327.

Sporidia brown, uniseptate, strongly constricted at septum, $.0253 \times .0127$ mm.

125. *Valsa tortuosa*, Schw. Am. Bor. 1350.

Unsatisfactory.

126. *Valsa deformis*, Schw. Am. Bor. 1355.

Sporidia allantoid, hyaline, $.0062 - .0083 \times .0015$ mm.

127. *Valsa clopima*, Schw. Am. Bor. 1360.

Examination unsatisfactory.

128. *Valsa leucopia*, Schw. Am. Bor. 1365.

Sporidia subelliptical, hyaline, $.0223 \times .0062$ mm.

129. *Valsa sphinctrina*, Schw. Am. Bor. 1370.

Barren.

130. *Valsa aperta*, Schw. Am. Bor. 1381.

Sporidia allantoid, hyaline, $.0189 \times .0062$ mm.

131. *Valsa vasculosa*, Schw. Am. Bor. 1382.

Sporidia cuneate, nucleated, $.0189 \times .0127$ mm.

132. *Valsa pusilla*, Schw. Am. Bor. 1391.

Barren.

133. *Valsa abnormis*, Schw. Am. Bor. 1392.

Barren.